



RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/995793
Source: OIP
Date Processed by STIC: 4/2/02

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER
VERSION 3.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND
TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
3. Hand Carry directly to:
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name,
Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
Or
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two,
2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office,
Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 01/29/2002



Does Not Comply
Corrected Diskette Needed

OIPE

Errors on pp 142

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/995,793

DATE: 04/02/2002
TIME: 13:43:44

Input Set : A:\EP.txt
Output Set: N:\CRF3\04022002\I995793.raw

2 <110> APPLICANT: Weber, Bernard H.F.
3 Stoehr, Heidi
W--> 4 <120> TITLE OF INVENTION: Novel retina-specific human proteins C7orf9, C12orf7, MPP4
and F379
6 <130> FILE REFERENCE: 033488-001
8 <140> CURRENT APPLICATION NUMBER: US 09/995,793
9 <141> CURRENT FILING DATE: 2001-11-29
10 <150> PRIOR APPLICATION NUMBER: 60/253,751.
11 <151> PRIOR FILING DATE: 2000-11-29
W--> 12 <160> NUMBER OF SEQ ID: 71
13 <170> SOFTWARE: PatentIn version 3.1

ERRORED SEQUENCES

1175 <210> SEQ ID NO: 71
1176 <211> LENGTH: 18
1177 <212> TYPE: DNA
1178 <213> ORGANISM: Artificial Sequence
1180 <220> FEATURE:
1181 <223> OTHER INFORMATION: primer
1184 <400> SEQUENCE: 71
1185 catgctacca cggcttcc
E--> 1189 033488-001.st25 - delete
E--> 1191 Page 3

18

<210> 1<211> 2435<212> DNA<213> Homo sapiens
<220><221> misc_feature<223> artificial sequence, Translation start at 209;
stop at 2435

- Sample of global error.

Major formatting errors

Please contact Robert Wat at 703-308-4119
or 703-308-4216

for assistance.

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/995,793

DATE: 04/02/2002

TIME: 13:43:45

Input Set : A:\EP.txt

Output Set: N:\CRF3\04022002\I995793.raw

L:4 M:283 W: Missing Blank Line separator, <120> field identifier
L:12 M:283 W: Missing Blank Line separator, <160> field identifier
L:14 M:283 W: Missing Blank Line separator, <210> field identifier
L:15 M:283 W: Missing Blank Line separator, <220> field identifier
L:15 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:16 M:259 W: Allowed number of lines exceeded, <220> FEATURE:
L:18 M:282 W: Numeric Field Identifier Missing, <211> is required.
L:18 M:282 W: Numeric Field Identifier Missing, <212> is required.
L:18 M:282 W: Numeric Field Identifier Missing, <213> is required.
L:62 M:283 W: Missing Blank Line separator, <220> field identifier
L:62 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:63 M:282 W: Numeric Field Identifier Missing, <211> is required.
L:63 M:282 W: Numeric Field Identifier Missing, <212> is required.
L:63 M:282 W: Numeric Field Identifier Missing, <213> is required.
L:63 M:283 W: Missing Blank Line separator, <400> field identifier
L:72 M:283 W: Missing Blank Line separator, <220> field identifier
L:72 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:73 M:282 W: Numeric Field Identifier Missing, <211> is required.
L:73 M:282 W: Numeric Field Identifier Missing, <212> is required.
L:73 M:282 W: Numeric Field Identifier Missing, <213> is required.
L:73 M:283 W: Missing Blank Line separator, <400> field identifier
L:85 M:283 W: Missing Blank Line separator, <220> field identifier
L:85 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:87 M:282 W: Numeric Field Identifier Missing, <211> is required.
L:87 M:282 W: Numeric Field Identifier Missing, <212> is required.
L:87 M:282 W: Numeric Field Identifier Missing, <213> is required.
L:98 M:283 W: Missing Blank Line separator, <220> field identifier
L:98 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:99 M:282 W: Numeric Field Identifier Missing, <211> is required.
L:99 M:282 W: Numeric Field Identifier Missing, <212> is required.
L:99 M:282 W: Numeric Field Identifier Missing, <213> is required.
L:99 M:283 W: Missing Blank Line separator, <400> field identifier
L:110 M:283 W: Missing Blank Line separator, <220> field identifier
L:110 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:111 M:282 W: Numeric Field Identifier Missing, <211> is required.
L:111 M:282 W: Numeric Field Identifier Missing, <212> is required.
L:111 M:282 W: Numeric Field Identifier Missing, <213> is required.
L:111 M:283 W: Missing Blank Line separator, <400> field identifier
L:121 M:283 W: Missing Blank Line separator, <220> field identifier
L:121 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:122 M:282 W: Numeric Field Identifier Missing, <211> is required.
L:122 M:282 W: Numeric Field Identifier Missing, <212> is required.
L:122 M:282 W: Numeric Field Identifier Missing, <213> is required.
L:122 M:283 W: Missing Blank Line separator, <400> field identifier
L:133 M:283 W: Missing Blank Line separator, <220> field identifier
L:133 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:134 M:282 W: Numeric Field Identifier Missing, <211> is required.
L:134 M:282 W: Numeric Field Identifier Missing, <212> is required.

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/995,793

DATE: 04/02/2002

TIME: 13:43:45

Input Set : A:\EP.txt

Output Set: N:\CRF3\04022002\I995793.raw

L:134 M:282 W: Numeric Field Identifier Missing, <213> is required.
L:134 M:283 W: Missing Blank Line separator, <400> field identifier
L:145 M:283 W: Missing Blank Line separator, <220> field identifier
L:145 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:147 M:282 W: Numeric Field Identifier Missing, <211> is required.
L:147 M:282 W: Numeric Field Identifier Missing, <212> is required.
L:147 M:282 W: Numeric Field Identifier Missing, <213> is required.
L:158 M:283 W: Missing Blank Line separator, <220> field identifier
L:158 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:159 M:282 W: Numeric Field Identifier Missing, <211> is required.
L:159 M:282 W: Numeric Field Identifier Missing, <212> is required.
L:159 M:282 W: Numeric Field Identifier Missing, <213> is required.
L:159 M:283 W: Missing Blank Line separator, <400> field identifier
L:169 M:283 W: Missing Blank Line separator, <220> field identifier
L:169 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:170 M:282 W: Numeric Field Identifier Missing, <211> is required.
L:170 M:282 W: Numeric Field Identifier Missing, <212> is required.
L:170 M:282 W: Numeric Field Identifier Missing, <213> is required.
L:170 M:283 W: Missing Blank Line separator, <400> field identifier
L:181 M:283 W: Missing Blank Line separator, <220> field identifier
L:181 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:183 M:282 W: Numeric Field Identifier Missing, <211> is required.
L:183 M:282 W: Numeric Field Identifier Missing, <212> is required.
L:183 M:282 W: Numeric Field Identifier Missing, <213> is required.
L:192 M:259 W: Allowed number of lines exceeded, <210> SEQ ID NO
L:194 M:282 W: Numeric Field Identifier Missing, <211> is required.
L:194 M:282 W: Numeric Field Identifier Missing, <212> is required.
L:194 M:282 W: Numeric Field Identifier Missing, <213> is required.
L:203 M:283 W: Missing Blank Line separator, <220> field identifier
L:203 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:205 M:282 W: Numeric Field Identifier Missing, <211> is required.
L:205 M:282 W: Numeric Field Identifier Missing, <212> is required.
L:205 M:282 W: Numeric Field Identifier Missing, <213> is required.
L:215 M:283 W: Missing Blank Line separator, <220> field identifier
L:215 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:216 M:282 W: Numeric Field Identifier Missing, <211> is required.
L:216 M:282 W: Numeric Field Identifier Missing, <212> is required.
L:216 M:282 W: Numeric Field Identifier Missing, <213> is required.
L:216 M:283 W: Missing Blank Line separator, <400> field identifier
L:225 M:283 W: Missing Blank Line separator, <220> field identifier
L:225 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:226 M:282 W: Numeric Field Identifier Missing, <211> is required.
L:226 M:282 W: Numeric Field Identifier Missing, <212> is required.
L:226 M:282 W: Numeric Field Identifier Missing, <213> is required.
L:226 M:283 W: Missing Blank Line separator, <400> field identifier
L:235 M:283 W: Missing Blank Line separator, <220> field identifier
L:235 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:237 M:282 W: Numeric Field Identifier Missing, <211> is required.
L:237 M:282 W: Numeric Field Identifier Missing, <212> is required.

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/995,793

DATE: 04/02/2002

TIME: 13:43:45

Input Set : A:\EP.txt

Output Set: N:\CRF3\04022002\I995793.raw

L:246 M:283 W: Missing Blank Line separator, <400> field identifier
L:258 M:283 W: Missing Blank Line separator, <220> field identifier
L:258 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:259 M:283 W: Missing Blank Line separator, <400> field identifier
L:269 M:283 W: Missing Blank Line separator, <220> field identifier
L:269 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:282 M:283 W: Missing Blank Line separator, <220> field identifier
L:282 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:295 M:283 W: Missing Blank Line separator, <220> field identifier
L:295 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:296 M:283 W: Missing Blank Line separator, <400> field identifier
L:307 M:283 W: Missing Blank Line separator, <220> field identifier
L:307 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:325 M:283 W: Missing Blank Line separator, <400> field identifier
L:408 M:283 W: Missing Blank Line separator, <220> field identifier
L:408 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:409 M:259 W: Allowed number of lines exceeded, <220> FEATURE:
L:434 M:283 W: Missing Blank Line separator, <220> field identifier
L:434 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:444 M:283 W: Missing Blank Line separator, <220> field identifier
L:444 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:445 M:283 W: Missing Blank Line separator, <400> field identifier
L:457 M:283 W: Missing Blank Line separator, <220> field identifier
L:457 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:458 M:283 W: Missing Blank Line separator, <400> field identifier
L:474 M:283 W: Missing Blank Line separator, <400> field identifier
L:503 M:283 W: Missing Blank Line separator, <220> field identifier
L:503 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:504 M:259 W: Allowed number of lines exceeded, <220> FEATURE:
L:505 M:283 W: Missing Blank Line separator, <400> field identifier
L:528 M:283 W: Missing Blank Line separator, <400> field identifier
L:543 M:283 W: Missing Blank Line separator, <220> field identifier
L:543 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:558 M:283 W: Missing Blank Line separator, <220> field identifier
L:558 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:569 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:587 M:259 W: Allowed number of lines exceeded, <210> SEQ ID NO
L:617 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:618 M:259 W: Allowed number of lines exceeded, <220> FEATURE:
L:745 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:754 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:766 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:776 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:784 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:793 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:807 M:256 W: Invalid Numeric Header Field, <220> has non-blank data
L:989 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:57
L:1189 M:254 E: No. of Bases conflict, LENGTH:Input:25 Counted:22 SEQ:71
L:1189 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:11

VERIFICATION SUMMARY

DATE: 04/02/2002

PATENT APPLICATION: US/09/995,793

TIME: 13:43:45

Input Set : A:\EP.txt

Output Set: N:\CRF3\04022002\I995793.raw

L:1189 M:112 C: (48) String data converted to lower case,

M:254 Repeated in SeqNo=71

L:1191 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:2

L:1191 M:252 E: No. of Seq. differs, <211>LENGTH:Input:18 Found:26 SEQ:71